

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)		ATTORNEY'S DOCKET NUMBER 341906-1020
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/593677
INTERNATIONAL APPLICATION NO. PCT/JP2005/005333	INTERNATIONAL FILING DATE 24 March 2005	PRIORITY DATE CLAIMED 25 March 2004
TITLE OF INVENTION OSCILLATION/ECHO CANCELLER SYSTEM		
APPLICANT(S) FOR DO/EO/US SETO, Shinji		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <p>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p> <p>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</p> <p>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</p> <p>Items 13 to 23 below concern document(s) or information included:</p> <p>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>15. <input type="checkbox"/> A FIRST preliminary amendment.</p> <p>16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>17. <input type="checkbox"/> A substitute specification.</p> <p>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13^{ter}.2 and 37 CFR 1.821 - 1.825.</p> <p>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>22. <input checked="" type="checkbox"/> Express Mail Label No. EV628221873US</p>		

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10/593677		PCT/JP2005/005333		341906-1020																																																																																																																																																											
23. Other items or information: Return Postcard; Certificate of Express Mail; Copy of PCT Request; Copy of PCT/IB/301; Copy of PCT/IB/304; Copy of PCT/IB/346; Copy of PCT/IB/308; PTO/SB/08A (2 pages); Eleven (11) cited references																																																																																																																																																															
<table border="1"> <tr> <td colspan="2">The following fees have been submitted:</td> <td colspan="2">CALCULATIONS</td> <td colspan="2">PTO USE</td> </tr> <tr> <td colspan="2">24. <input checked="" type="checkbox"/> Basic national fee</td> <td colspan="2">\$300</td> <td colspan="2">\$ \$300.00</td> </tr> <tr> <td colspan="2">25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td colspan="2">\$0</td> <td colspan="2">\$ \$200.00</td> </tr> <tr> <td colspan="2">All other situations.....</td> <td colspan="2">\$200</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td colspan="2">\$0</td> <td colspan="2">\$ \$400.00</td> </tr> <tr> <td colspan="2">Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority.....</td> <td colspan="2">\$100</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB.....</td> <td colspan="2">\$400</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All other situations.....</td> <td colspan="2">\$500</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">TOTAL OF 24, 25 and 26 =</td> <td colspan="2"></td> <td colspan="2">\$ \$900.00</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td colspan="2">Number of each additional 50 or fraction thereof (round up to a whole)</td> <td colspan="2">RATE</td> </tr> <tr> <td>- 100 =</td> <td>0 /50 =</td> <td colspan="2">0</td> <td>x \$250.00</td> <td>\$ \$0.00</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="3">RATE</td> </tr> <tr> <td>Total claims</td> <td>7 - 20 =</td> <td>0</td> <td>x \$50.00</td> <td colspan="2">\$ \$0.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$200.00</td> <td colspan="2">\$ \$0.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIMS (if applicable)</td> <td><input type="checkbox"/></td> <td>+ \$360.00</td> <td colspan="2">\$ \$0.00</td> </tr> <tr> <td colspan="6">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="6"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. </td> </tr> <tr> <td colspan="6">SUBTOTAL =</td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE =</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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IAPG/Rec'd PCT 10/5/06 21 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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a. A check in the amount of \$ \$490.00 to cover the above fees is enclosed.

b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

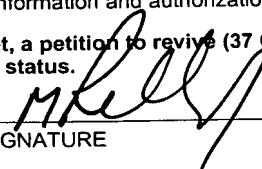
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0778. A duplicate copy of this sheet is enclosed.

d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

QUALEY, M. Paul
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, GA 30339-5948
US

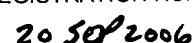

SIGNATURE

M. Paul Qualey

NAME

43,024

REGISTRATION NUMBER


DATE

In re: **SETO, Shinji**For: **OSCILLATION/ECHO CANCELLER SYSTEM****10/593 677****IAP9/Rec'd PCT/PTO 21 SEP 2006****CERTIFICATE OF EXPRESS MAIL**

Mail Stop PCT (DO/EO/US)
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard;
Transmittal Letter to the US Designated Office
(DO/EO/US) (4 Pages);
Check in the amount of \$490.00;
PCT Request (4 pages)
Copy of Translated Application;
Copy of Published PCT International Application consisting of:
Front Cover;
7 pages Specification;
1 page Claims;
1 page Drawing Sheet;
International Search Report
Copy of Amendment Under Article 19 with Translation;
Copy of PCT/IB/346;
Assignment Cover Sheet
Assignment (3 pages)
Declaration and Power of Attorney;
Information Disclosure Statement;
PCT/SB/08A (2 pages);
Eleven (11) cited references;
Copy of PCT/IB/301;
Copy of PCT/IB/304; and
Copy of PCT/IB/308

Respectfully submitted,


M. Paul Qualey Reg. No. 43,024

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948

Our Docket No: **341906-1020**

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EV628221873US**

Date: 21 September 2006

By: Lara L. O'Brien
Lara L. O'Brien